Title (en)

Diversity receiver

Title (de)

Diversitätsempfänger

Title (fr)

Récepteur en diversité

Publication

EP 1257070 A3 20050209 (EN)

Application

EP 02010372 A 20020508

Priority

JP 2001141209 A 20010511

Abstract (en)

[origin: EP1257070A2] A diversity receiver carries out error detection, error correction, and data detection on each detected data string (21). An output switching unit (17) outputs a decoded data string (24) of a branch selected by a branch selector (16). The branch selector (16) selects a branch of highest priority in priority information (29) from branches of which a data detection signal (25) indicates that the data is valid and of which the number of error symbols (22) coincides with a minimum value. In the priority information (29), higher priority is assigned to a branch that includes an antenna of which the coverage is closer to that of an antenna included in a branch selected at the immediately-previous time. Thus, selected from the plurality of branches having the minimum number of error symbols (22) is the one that includes the antenna of which the coverage is closest to the coverage of the antenna included in the branch selected at the immediately-previous time. Therefore, it is possible to suppress the occurrence of misselection of a poor-quality branch, and improve a reception characteristic. <IMAGE>

IPC 1-7

H04B 7/08

IPC 8 full level

H04B 7/08 (2006.01)

CPC (source: EP KR US)

H04B 7/08 (2013.01 - KR); **H04B 7/0888** (2013.01 - EP US)

Citation (search report)

- [DA] EP 0913958 A2 19990506 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] EP 0620657 A1 19941019 - MATSUSHITA ELECTRIC IND CO LTD [JP]

Cited by

WO2008073010A1; EP2092671A4

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1257070 A2 20021113; **EP 1257070 A3 20050209**; **EP 1257070 B1 20101110**; DE 60238228 D1 20101223; KR 100788549 B1 20071226; KR 20020086274 A 20021118; US 2002168039 A1 20021114; US 6922453 B2 20050726

DOCDB simple family (application)

EP 02010372 A 20020508; DE 60238228 T 20020508; KR 20020025543 A 20020509; US 14088902 A 20020509